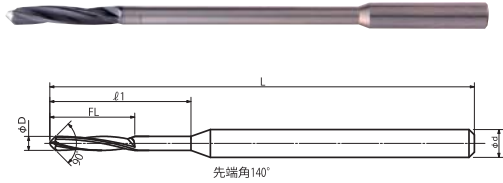


トグルン® ハードロングドリル 20D ALTコーティング  
TOGLON Hard Long Drill 20D ALT coating



超硬 ALT ネガ刃 3枚刃 右刃 140°/90° 1.0~6.0 深穴

VAN Code No.	直径 φD	シャンク径 φd	有効溝長 FL	有効長 ℓ1	全長 L	単位/寸法:mm 価格:円 Unit/Size:mm Price:JPY	
						在庫 Stock	参考価格 Price
TGHDL1CBALT20D	1	4	6	23	60	●1	¥15,000
TGHDL1.1CBALT20D	1.1	4	6.6	25.3	60	●1	¥17,000
TGHDL1.2CBALT20D	1.2	4	7.2	27.6	60	●1	¥17,000
TGHDL1.3CBALT20D	1.3	4	7.8	29.9	60	●1	¥17,000
TGHDL1.4CBALT20D	1.4	3	8.4	32.2	60	●1	¥17,000
TGHDL1.5CBALT20D	1.5	4	9	34.5	60	●1	¥17,000
TGHDL1.6CBALT20D	1.6	4	9.6	36.8	80	●1	¥17,000
TGHDL1.7CBALT20D	1.7	4	10.2	39.1	80	●1	¥17,000
TGHDL1.8CBALT20D	1.8	4	10.8	41.4	80	●1	¥17,000
TGHDL1.9CBALT20D	1.9	4	11.4	43.7	80	●1	¥17,000
TGHDL2CBALT20D	2	4	12	46	80	●1	¥15,000
TGHDL2.1CBALT20D	2.1	4	12.6	48.3	80	●1	¥17,000
TGHDL2.2CBALT20D	2.2	4	13.2	50.6	80	●1	¥17,000
TGHDL2.3CBALT20D	2.3	4	13.8	52.9	80	●1	¥17,000
TGHDL2.4CBALT20D	2.4	4	14.4	55.2	80	●1	¥17,000
TGHDL2.5CBALT20D	2.5	6	15	57.5	100	●1	¥17,000
TGHDL2.6CBALT20D	2.6	6	15.6	59.8	100	●1	¥20,000
TGHDL2.7CBALT20D	2.7	6	16.2	62.1	100	●1	¥20,000
TGHDL2.8CBALT20D	2.8	6	16.8	64.4	100	●1	¥20,000
TGHDL2.9CBALT20D	2.9	6	17.4	66.7	100	●1	¥20,000
TGHDL3CBALT20D	3	6	18	69	100	●1	¥18,000
TGHDL3.1CBALT20D	3.1	6	18.6	71.3	120	●1	¥22,000
TGHDL3.2CBALT20D	3.2	6	19.2	73.6	120	●1	¥22,000
TGHDL3.3CBALT20D	3.3	6	19.8	75.9	120	●1	¥22,000
TGHDL3.4CBALT20D	3.4	6	20.4	78.2	120	●1	¥22,000
TGHDL3.5CBALT20D	3.5	6	21	80.5	120	●1	¥22,000
TGHDL3.6CBALT20D	3.6	6	21.6	82.8	120	●1	¥22,000
TGHDL3.7CBALT20D	3.7	6	22.2	85.1	120	●1	¥22,000
TGHDL3.8CBALT20D	3.8	6	22.8	87.4	120	●1	¥22,000
TGHDL3.9CBALT20D	3.9	6	23.4	89.7	120	●1	¥22,000
TGHDL4CBALT20D	4	6	24	92	120	●1	¥20,000
TGHDL4.1CBALT20D	4.1	6	24.6	94.3	150	●1	¥26,000
TGHDL4.2CBALT20D	4.2	6	25.2	96.6	150	●1	¥26,000
TGHDL4.3CBALT20D	4.3	6	25.8	98.9	150	●1	¥26,000
TGHDL4.4CBALT20D	4.4	6	26.4	101.2	150	●1	¥26,000
TGHDL4.5CBALT20D	4.5	6	27	103.5	150	●1	¥26,000
TGHDL4.6CBALT20D	4.6	6	27.6	105.8	150	●1	¥26,000
TGHDL4.7CBALT20D	4.7	6	28.2	108.1	150	●1	¥26,000
TGHDL4.8CBALT20D	4.8	6	28.8	110.4	150	●1	¥26,000
TGHDL4.9CBALT20D	4.9	6	29.4	112.7	150	●1	¥26,000

VAN Code No.	直径 φD	シャンク径 φd	有効溝長 FL	有効長 ℓ1	全長 L	単位/寸法:mm 価格:円 Unit/Size:mm Price:JPY	
						在庫 Stock	参考価格 Price
TGHDL5CBALT20D	5	6	30	115	150	●1	¥24,000
TGHDL5.1CBALT20D	5.1	8	30.6	117.3	200		
TGHDL5.2CBALT20D	5.2	8	31.2	119.6	200		
TGHDL5.3CBALT20D	5.3	8	31.8	121.9	200		
TGHDL5.4CBALT20D	5.4	8	32.4	124.2	200		
TGHDL5.5CBALT20D	5.5	8	33	126.5	200	●1	¥35,000
TGHDL5.6CBALT20D	5.6	8	33.6	128.8	200		
TGHDL5.7CBALT20D	5.7	8	34.2	131.1	200		
TGHDL5.8CBALT20D	5.8	8	34.8	133.4	200		
TGHDL5.9CBALT20D	5.9	8	35.4	135.7	200		
TGHDL6CBALT20D	6	8	36	138	200	●1	¥35,000

Stock ●1...在庫予定品 / Will be Stocked  
無印...受注生産品 / No Mark...Manufactured Upon Request

※1: 更に刃長の長いものや上記寸法以外のものも生産できます。

※1: Flute lengths (FL) and diameters (φD) not shown in this table available upon request

■被削材適合性

Suitability for Work Materials

◎...最適 The most suitable

○...適 Suitable

△...可 Possible

無印 Blank...不可 Impossible

製品区分 Product	軟鋼 Mild Steel	炭素鋼 Carbon Steel	合金鋼 Alloy Steel	調質鋼 Hardened Steel	工具鋼 Tool Steel	焼入れ鋼 Quenched & Tempered Steel	ステンレス鋼 Stainless Steel	鋳鉄 Cast Iron	ダクタイル鋳鉄 Ductile Cast Iron	チタン合金 Titanium Alloy	アルミ合金 Aluminium Alloy	銅 Copper	プラスチック Plastic	セラミック etc. Ceramics etc.	
	SS	S45C	SCM SCR	SKD SKS	~40 HRC	~45 HRC	45~ HRC	SUS	FC	FDC		Al	Cu	マシナブル Machinable	ジルコニア ガラス Zirconia Glass
TGHDL-CBALT				△		◎	◎				△			○	

SP CENTER

CENTER DRILL

GP DRILL

TFD

SPIRAL GUN BARREL DRILL

TOGLON SHARP SP

TOGLON HARD

CORNER ROUNDING CUTTER

JIT

SUBMARINE GATE DRILL

MICRO TOOL

TECHNICAL INFORMATION

CUSTOMIZED TOOL SEMIORDER TOOL

INSTRUCTION

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